

## **Proposal for Corrigendum to Supplement 4 to the 00 series and to the 01 series of Regulation No. 119**

### **I. Proposal**

*Existing paragraphs 8. to 8.2., delete and replace with a new paragraph 8. as follows:*

**"8. COLOUR OF LIGHT EMITTED**

**The colour of the light emitted inside the field of the light distribution grid defined in paragraph 2. of Annex 3 shall be white. For testing see Annex 4 to this Regulation. Outside this field, no sharp variations of colour shall be observed."**

*Annex 4, paragraph 1., correct as follows:*

"1) For checking the colorimetric characteristics, a source of light at a colour temperature of 2,856 K, corresponding to illuminant A of the international commission (CIE), shall be used. For lamps equipped with non-replaceable light sources (filament lamps and other), **or light sources (replaceable or non-replaceable) operated together with an electronic light source control gear**, the colorimetric characteristics should be verified with the light sources present in the lamp, in accordance with ~~paragraph 7.1.1.~~ **paragraph 7** of this Regulation."

### **II. Justification**

In March 2008, at its 144<sup>th</sup> session, WP29 adopted the proposal for the Supplement 3 to the 00 series of amendments in WP29/2008/37 based upon ECE/TRANS/WP.29/GRE/2007/54, as amended by Annex V to the GRE58 report and on ECE/TRANS/WP.29/GRE/2007/62, as amended by paragraph 25 of the GRE58 report.

In November 2008, at its 146<sup>th</sup> session, WP29 adopted the proposal for the Supplement 4 to the 00 series of amendments in WP29/2008/93 based upon ECE/TRANS/WP.29/GRE/2008/12 as amended by paragraph 47 to the GRE59 report.

Unfortunately, the proposal for the Supplement 4 did not take into account to proposal for the Supplement 3 and consequently the current wording adopted in the Regulation is incorrect. This draft corrigendum is intended to correct this error and applies to the Supplement 4 to the 00 series and to the 01 series of Regulation No.119.

The following chart provides a detailed explanation.

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**Analysis of Proposals to amend Regulation 119. (GRE/2007/62 and GRE/2008/12)**

Document and Status	Text	Comment
<p><b>R119 up to Supplement 1</b> 2 February 2007</p>	<p>8. COLOUR OF LIGHT EMITTED</p> <p>8.1. The colour of the light emitted shall be white.</p> <p>8.2. The colour of the light emitted inside the field of the light distribution grid defined in paragraph 2. of Annex 3 shall be within the limits of the coordinates prescribed in Annex 4 to this Regulation. Outside this field, no sharp variations of colour shall be observed.</p>	<p>This was the basis used for the <b>United Kingdom</b> proposal GRE/2007/62</p>
<p><b>United Kingdom Proposal</b> <b>ECE/TRANS/WP.29/ GRE/2007/62</b> 18 July 2007</p>	<p><u>Paragraphs 8. to 8.2., amend</u> to read:</p> <p>"8. COLOUR OF LIGHT EMITTED</p> <p>8.1. The colour of the light emitted inside the field of the light distribution grid defined in paragraph 2. of Annex 3 shall be <b>white. For testing see</b> Annex 4 to this Regulation. Outside this field, no sharp variation of colour shall be observed."</p>	<p>The intention of the <b>United Kingdom</b> was to remove the definition of the colour and use the definition in R48 and to require the testing to be carried out as detailed in Annex 4</p>
<p><b>GTB Proposal</b> <b>ECE/TRANS/WP.29/GRE/2008/12</b> 12 January 2008 Based upon GTB document CE-4139</p>	<p><u>Paragraph 8.2., amend</u> to read:</p> <p>"8.2. The colour of the light emitted inside the field of the light distribution grid defined in paragraph 2. of Annex 3 shall be within the limits of the coordinates prescribed in Annex 4 to this Regulation.</p> <p><b>It shall be measured under the conditions as prescribed in paragraph 7.</b> Outside this field, no sharp variations of colour shall be observed."</p>	<p>The intention of <b>GTB</b> was to introduce the requirement for testing under the condition prescribed in paragraph 7. But the amendment in GRE/2007/62 which introduced the reference to Annex 4 had not been taken into consideration. The reference to annex 4 is preferable to the reference to paragraph 7, because annex 4 already refers to paragraph 7.</p>

<b>Proposed Correction</b>		
	<p><b>"8. COLOUR OF LIGHT EMITTED</b></p> <p><b>The colour of the light emitted inside the field of the light distribution grid defined in paragraph 2. of Annex 3 shall be white. For testing see Annex 4 to this Regulation. Outside this field, no sharp variations of colour shall be observed."</b></p>	<p>This is a synthesis of the correct intention of GTB.</p> <p>(There is no requirement to retain a sub-paragraph 8.1)</p>
<p><b>Proposed correction to overcome the conflict between GRE/2007/62 and GRE/2008/12 to read:</b></p> <p>(no requirement to retain a sub- paragraph 8.1)</p>	<p style="text-align: center;"><u>Annex 4</u> <b>COLOUR OF WHITE LIGHT</b> (Chromaticity coordinates)</p> <p>1) For checking the colorimetric characteristics, a source of light at a colour temperature of 2,856 K, corresponding to illuminant A of the international commission (CIE), shall be used. For lamps equipped with non-replaceable light sources (filament lamps and other), <b>or light sources (replaceable or non-replaceable) operated together with an electronic light source control gear</b>, the colorimetric characteristics should be verified with the light sources present in the lamp, in accordance with <del>paragraph 7.1.1.</del> <b>paragraph 7.</b> of this Regulation.</p> <p>2) The replaceable light source shall be subjected to the intensity, which produces the same colour as the illuminant A of the CIE.</p>	<p>The reference to paragraph 7.1.1 is incorrect because it was deleted by GRE/2008/12. The correct reference is to paragraph 7.</p> <p>Additionally for clarity it is necessary to add the wording highlighted in BOLD text</p>